



BKL: 113(c) US

BOX: AMENDMENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Juliana H.J. Brooks, et al.

Art Unit: 1753

Serial No.: 10/615,666

Examiner: Wong, Edna

Date Filed: July 9, 2003

Title: Optimizing Reactions in Fuel Cells and Electrochemical Reactions

Certificate of Mailing Under 37 CFR §1.8(a)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Honorable Sir:

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Transmittal of Information Disclosure Statement (2 pages)

Information Disclosure Citation (6 pages)

One copy of each disclosed reference

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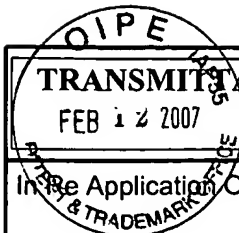
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37 C.F.R. 1.8 (a)

I hereby certify that this Response is being deposited with the U. S. Postal Service with sufficient postage as first class mail in an envelope addressed to the: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 (37 CFR 1.8(a)) on the date shown below.

February 8, 2007
Date

Kelly L. Storck
Kelly L. Storck

	TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))	Docket No. BKL: 113 (c) US
	In Re Application Of: Juliana H.J. Brooks	

Application No.	Filing Date	Examiner	Customer No.	Group Art Unit	Confirmation No.
10/615,666	July 9, 2003	Wong, Edna	26818	1753	9834

Title: Optimizing Reactions in Fuel Cells and Electrochemical Reactions

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. ☐ The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. ☒ The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:

☐ the statement specified in 37 CFR 1.97(e);

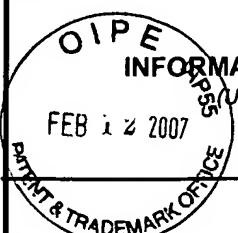
OR

☒ the fee set forth in 37 CFR 1.17(p).

02/13/2007 AWHD/AF1 00000062 10615666

01 PC:1806

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				ATTY DOCKET NO.		APPLICATION NO.		
				BKL: 113 (c) US		10/615,666		
				APPLICANT(S)				
				Juliana H.J. Brooks, et al.				
FILING DATE				GROUP ART UNIT				
July 9, 2003				1753				
U.S. PATENT DOCUMENTS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
		4,115,280	9/19/1978	Pratt	422	186.1		
		2,161,292	1/6/1939	Hahnemann	607	156		
		4,012,301	3/15/1977	Rich	204	157.41		
		4,481,091	11/6/1984	Brus	204	157.15		
		4,529,489	7/16/1985	McDonald	588	306		
U.S. PATENT APPLICATION PUBLICATIONS								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
			Vladimirov, Y., et al. (1988). Photoreactivation of Superoxide Dismutase by Intensive Red (Laser) Light. <i>Free Radical Biology & Medicine</i> , Vol. 5, Pages 281-286.					
			Muller, R., et al. (1984). Nitroxyl (HNO), an Intermediate in (Light-induced) Rearrangement Reactions of Nitrosooxy Compounds and Nitrosamines. <i>Helvetica Chimica Acta</i> , Vol. 67, Pages 953-958.					
EXAMINER				DATE CONSIDERED				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	ATTY DOCKET NO. BKL: 113 (c) US	APPLICATION NO. 10/615,666
	Juliana H.J. Brooks, et al.	
	FILING July 9, 2003	GROUP ART 1753

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,755,269	7/5/1988	Brumer	204	157.4	
	4,774,026	9/27/1988	Kitamori	204	157.4	
	5,015,349	5/14/1991	Suib	204	168	
	5,174,877	12/29/1992	Cooper	204	193	
	5,395,490	3/7/1995	Hoff	204	157.15	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Doi, Y. & Tsutsui, M. (1978). Fluorescence and Photochemistry of the Charge-Transfer Band in Alcoholic Vanadium Trichloride Solution. <i>Journal of the American Chemical Society</i> , Vol. 100, No. 10, Pages 3243-3244.
			Zones, S.I., et al. (1976). The Reduction of Molecular Nitrogen, Organic Substrates, and Protons by Vanadium (II). <i>Journal of the American Chemical Society</i> , Vol. 98, No. 23, Pages 7289-7295.

EXAMINER

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*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		4,548,686	10/22/1985	Stevens, et al.	204	157.94	
		6,217,712	4/17/2001	Mohr, Thomas J.	204	157.15	
		4,287,036	9/1/1981	Tsutsui, et al.	204	157.46	
		4,861,484	8/29/1989	Lichtin, et al.	210	638	
		4,115,280	9/19/1978	Pratt, Jr., George W.	422	186.1	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

			Weaver, J., et al. (1998). Theoretical Limits on the Threshold for the Response of Long Cells to Weak Extremely Low Frequency Electric Fields Due to Ionic and Molecular Flux Rectification. <i>Biophysical Journal</i> , Vol. 75, No. 5, Pages 1-9.
			Jensen, M. (1998). Electromagnetic fields may trigger enzymes. <i>Science News</i> , Vol. 153, Page 119.

EXAMINER	DATE CONSIDERED
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		Applicant(s) Juliana H.J. Brooks, et al.	
		Filing Date July 9, 2003	Group Art Unit 1753
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	Wilson, A. S. (1958). The reaction between hydrogen peroxide and ruthenium tetroxide in acid solutions. <i>J. Inorg. Nuclear Chem.</i> , Vol. 7, Pages 149-152.		
	S. F. (1995). Plants: Forest Overachievers. <i>Popular Science</i> , 1 Page.		
	Chou, C., & Guy, A. (1982). Auditory perception of radio-frequency electromagnetic fields. <i>The Journal of the Acoustical Society of America</i> , Vol. 71, No. 6, Pages 1321-1333.		
	Scherer, W. (1996). Biological Effects of Radiofrequency Radiation. <i>Biological Effects of Radiofrequency and Microwave Radiation: Application, Hazards, and Safeguards</i> . Retrieved December 30, 1997 from wysiwyg://135/http://www.reach.net/~scherer/p/biofx.htm .		
	Kraus, K., et al. (1993). The Use of a Cap-Shaped Coil for Transcranial Magnetic Stimulation of the Motor Cortex. <i>The Journal of Clinical Neurophysiology</i> , Vol. 10, No. 3, Pages 353-362.		
	Jennum, P., et al. (1996). Paired transcranial magnetic stimulations and motor evoked potentials. <i>Electromyography and Clinical Neurophysiology</i> , Volume 36, Pages 341-348.		
	Johnson, C., & Guy, A. (1972). Nonionizing Electromagnetic Wave Effects in Biological Materials and Systems. <i>Proceedings of the IEEE</i> , Vol. 60, No. 6, Pages 692-719.		
	Paros, L., & Kirsch, D. Cranial Electrotherapy Stimulation (CES): A Very Safe and Effective Non-Pharmacological Treatment for Anxiety. the ANXIETY-PANIC internet resource, Pages 1-12. Retrieved July 20, 1998 from http://www.algy.com/anxiety/cranial.html .		
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	Webb, S., & Dodds, D. (1968). Inhibition of Bacterial Cell Growth by 136 gc Microwaves. <i>Nature</i> , Vol. 218, Pages 374-375.		
	Webb, S., & Booth, A. (1969). Absorption of Microwaves by Microorganisms. <i>Nature</i> , Vol. 222, Pages 1199-1200.		
	Stuchly, M. (1995). Interactions of Electromagnetic Fields with Living Systems. Retrieved on December 30, 1997 from http://bme01.engr.latech.edu/cdrom/340.html .		
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	Coghill, R., et al. (1997). Extra Low Frequency Electric and Magnetic Fields in the Bedplace of Children Diagnosed with Leukemia: A Case-Control Study. <i>BENER Digest Update</i> , Vol. VII, Issue 1, Pages 1-2.
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	Verheij, L., & Hugenschmidt, M. (1995). Hydrogen adsorption on oxygen covered Pt (111). <i>Surface Science</i> , Vol. 324, Issues 2-3, Pages 185-201; Abstract.
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	Sansonetti, J., et al. Atlas of the Spectrum of a Platinum/Neon Hollow-Cathode Lamp in the Region 1130-4330 A; Accessed on the Internet at: physics.nist.gov/PhysRefData/platinum/contents.html ; On 09 July 2003; Originally online 20 June 1994.		
	Polk, C., & Postow, E. (1986). <i>Handbook of Biological Effects of Electromagnetic Fields</i> . Boca Raton, FL: CRC Press LLC. Introduction, Pages 27-35; Chapter 1, Pages 99-118; Chapter 2, Pages 121-138; Chapter 5, Pages 197-219.		
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